

FIG. 1

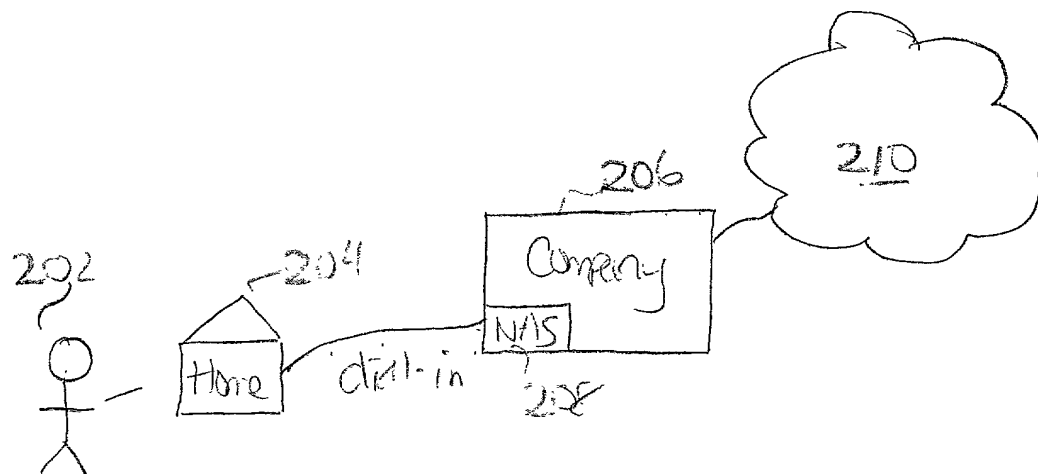


FIG. 2

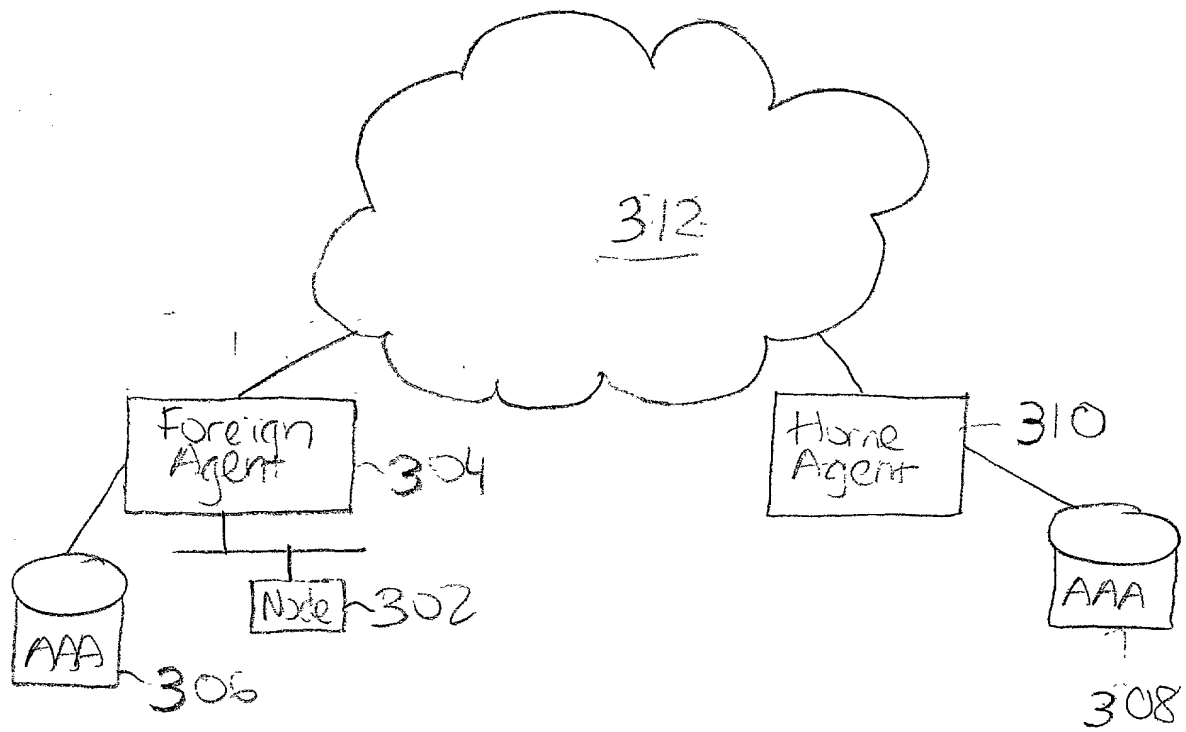


FIG. 3

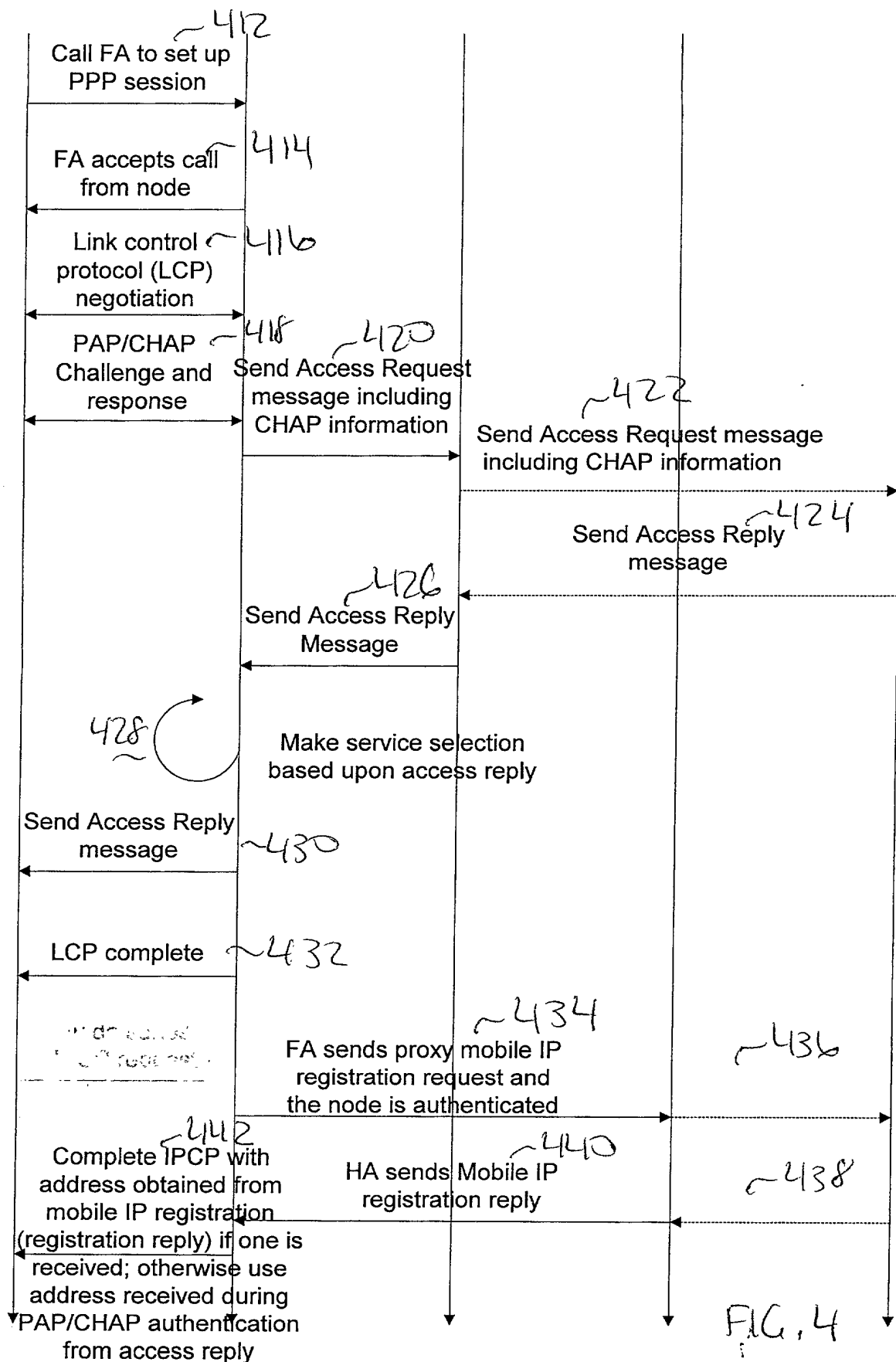
~402
Node

~401
FA

~406
AAA server 1

~408
HA

~410
AAA server 2



Access Request

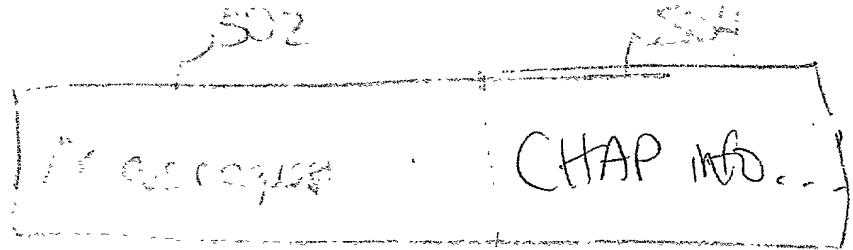


FIG. 5

Access Reply (Access Accept / Access Reject)

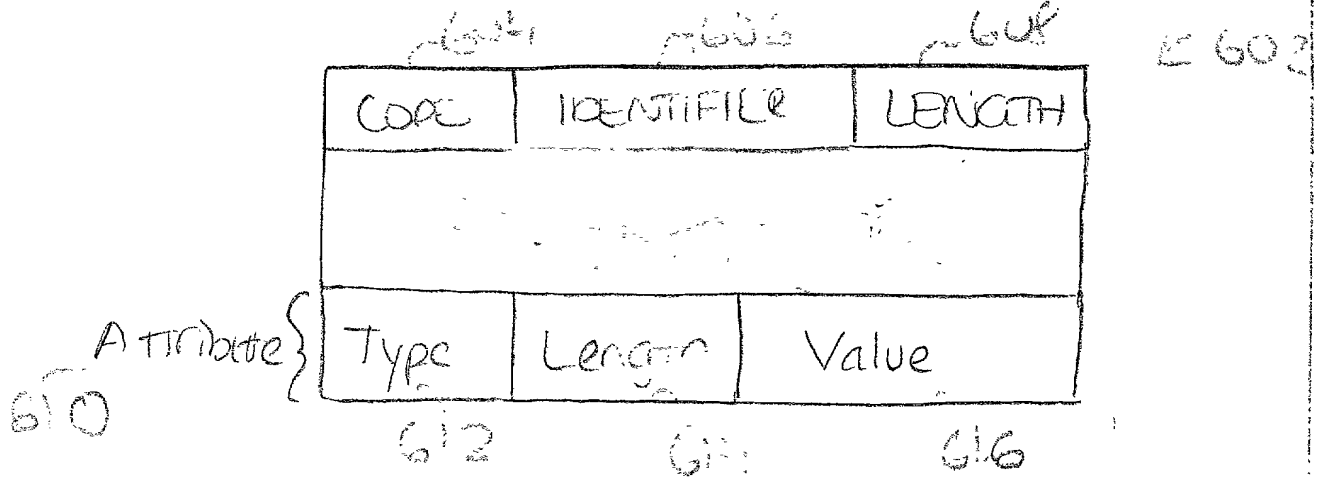
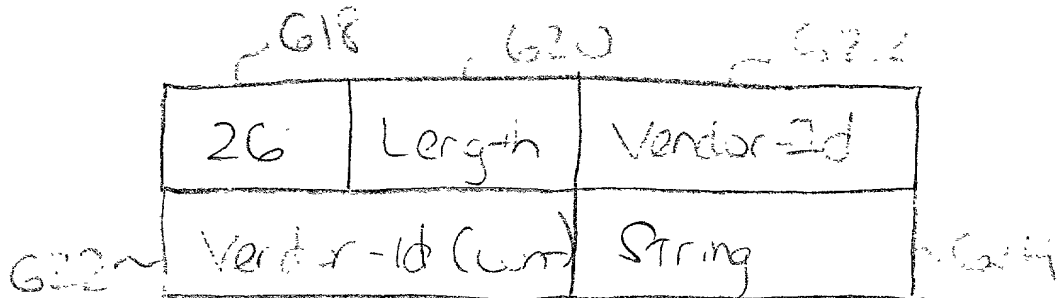


FIG. 6A

New Service Selection Attribute



String = { normal, mobile IP,
Proxy mobile IP }

FIG. 6B

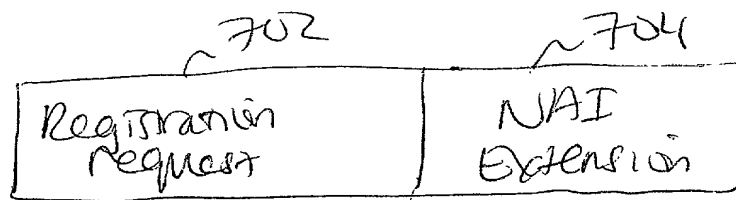


FIG. 7

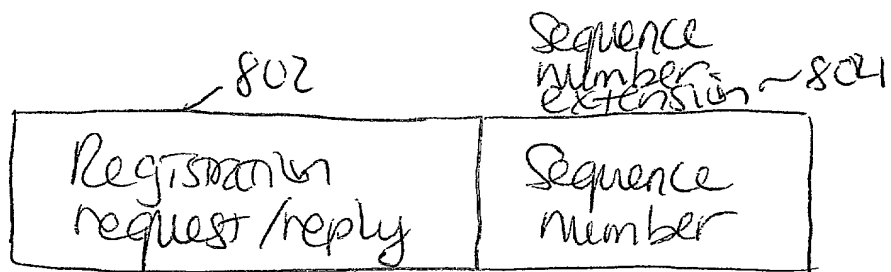


FIG. 8

FIG. 9 is a flowchart illustrating a process for proxy registration. The process begins with a flow arrow pointing to a process block labeled "FA performs proxy registration". This is followed by a decision block labeled "Obtain sequence number associated with the node (e.g., default = 0 or obtain from registration table)". The flow then proceeds to a process block labeled "Provide the sequence number in a registration request". This is followed by a process block labeled "Provide additional information (e.g., obtained from attributes in access reply) in the registration request". The flow then proceeds to a process block labeled "Send the registration request to the Home Agent". This is followed by a process block labeled "Receive registration reply from the Home Agent including an updated sequence number associated with the node". The flow then proceeds to a process block labeled "Update registration table with the updated sequence number associated with the node".

FA performs proxy registration

Obtain sequence number associated with the node (e.g., default = 0 or obtain from registration table)

~902

Provide the sequence number in a registration request

~904

Provide additional information (e.g., obtained from attributes in access reply) in the registration request

~906

Send the registration request to the Home Agent

~908

Receive registration reply from the Home Agent including an updated sequence number associated with the node

~910

Update registration table with the updated sequence number associated with the node

~912

FIG. 9

FIG. 10A

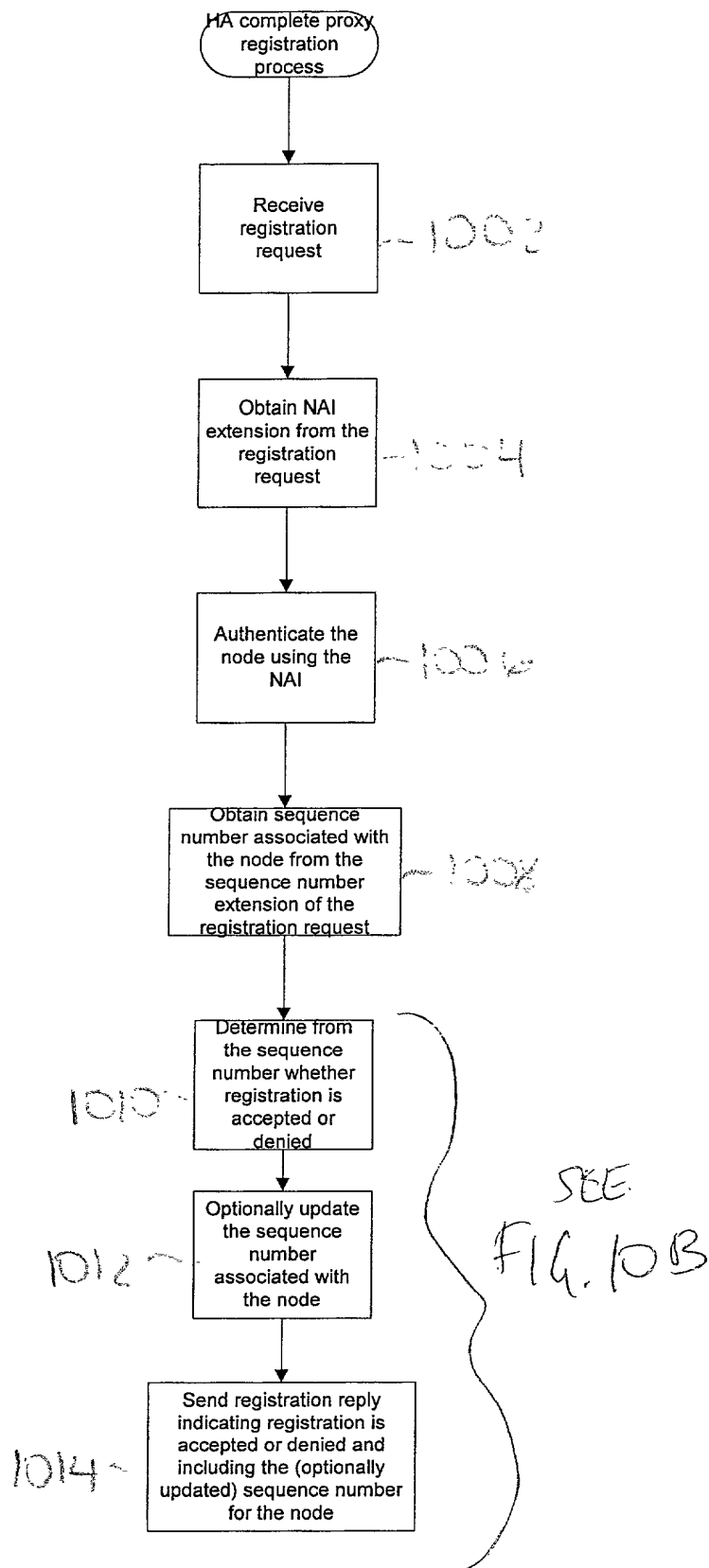


FIG. 10A

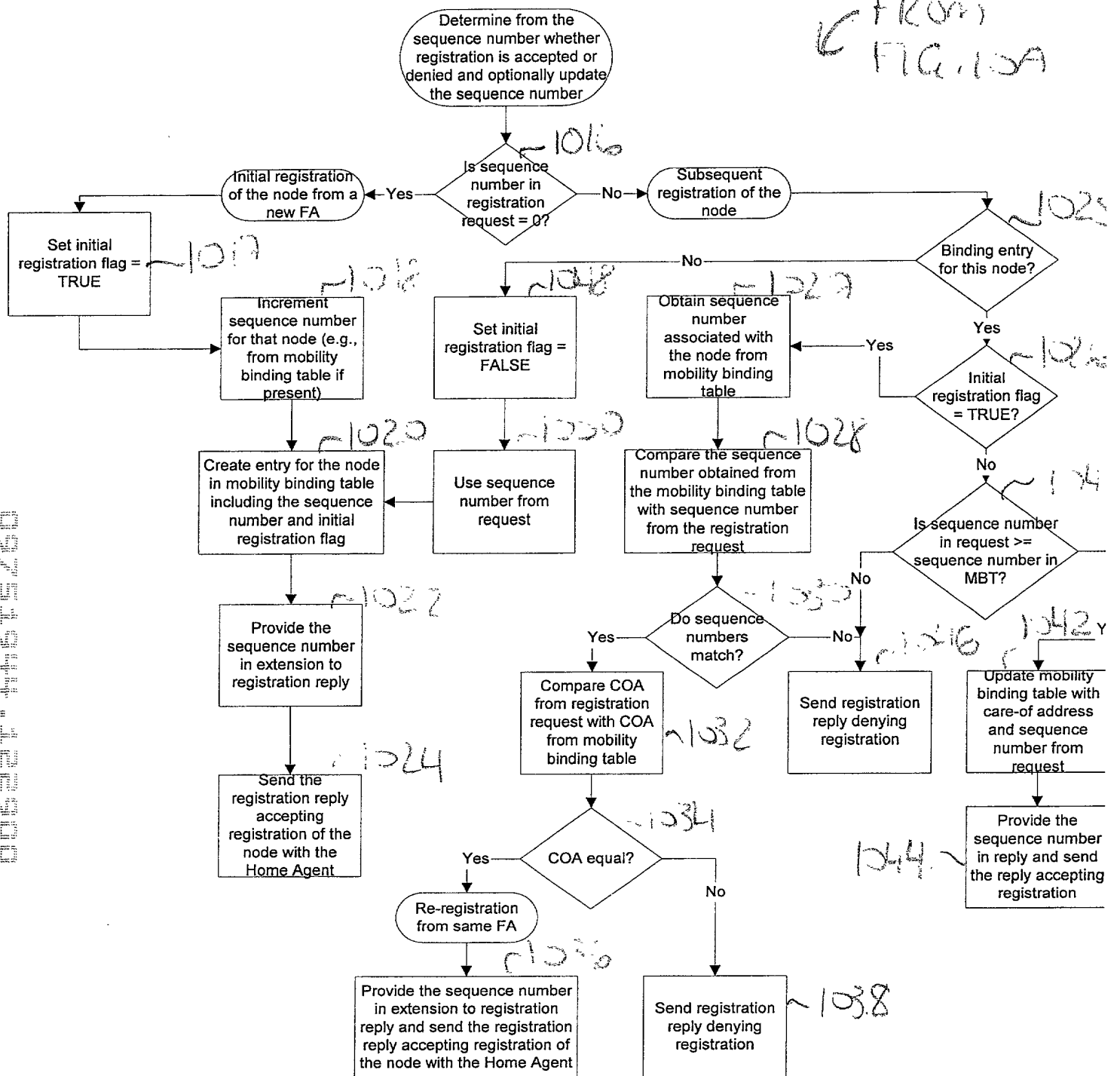


FIG. 10B

FA Registration Table

Node ID (e.g., IP address) 1102	Home Agent Address 1104	Sequence # 1106

FIG. 11

HA Mobility Binding Table

node ID (e.g. IP address)	COA (e.g. FA address)	proxy sequence # (opt)

FIG. 12

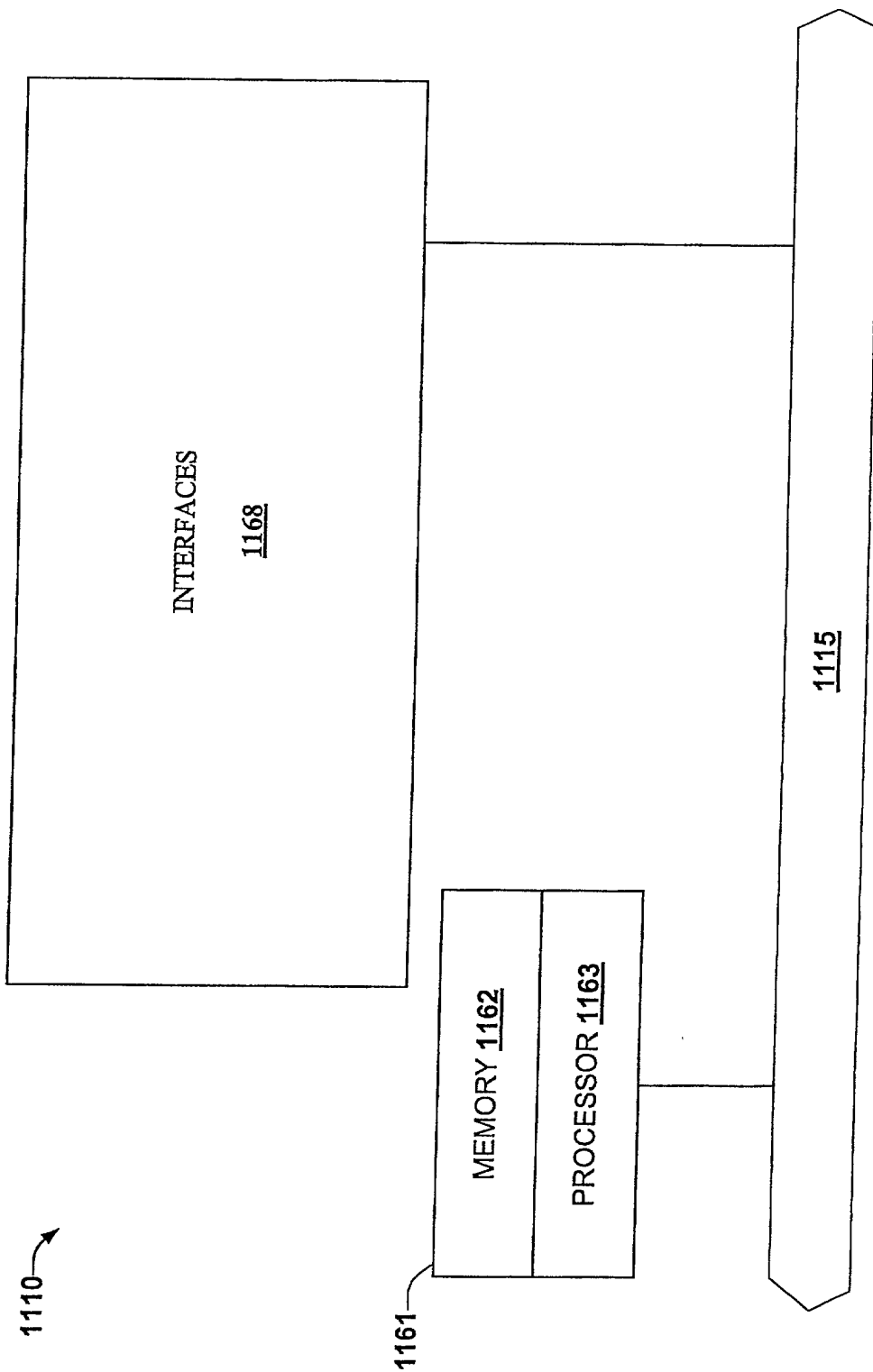


Figure 13